Artex ME-406 Series

Operating Frequencies:
406 MHz ± 1 kHz Biphase L (16K0G1D)

121.5 MHz ± 6 KHz

Output Power:
406 MHz: 5 W (440 ms / 50 sec) for 24 hours @ -20° C to +55° C

121.5 MHz: 100 mW min for 50 hours @ -20° C to +55° C

Output Connector:
BNC Female

Activation:
ME406: Automatic by 4.5 ft/sec (2.3 G) Primary G-Switch or Manual

ME406HM: Automatic by 4.5 ft/sec (2.3 G) Primary G-Switch &12.5 G (+/- 1 G) 5-Way HM G-Switch Assembly or Manual

Battery:
5 year Lithium ($LiSO_2$)

Temperature:
Operating: -20° C to +55° C

Storage: -55° C to +85° C

Self Test:
G-Switch enabled

406 MHz Power

121.5 MHz Power

Antenna/Coax Connection

Low Battery

Remote Control:
ON/ARM/RESET

Antenna:
ME406 for fixed wing applications:
Rod (110-338) (< 350 KTS)
Whip (110-773) (< 200 KTS)

ME406HM for helicopter applications:
Rod (110-338)

Mounting Hardware:
Mounting Tray P/N 452-3034

Other Parts:
Coax cable

Buzzer (to alert ground crews of accidental activation)

Weights:
ELT Transmitter: 1.85 lbs (833 g)

Mounting Tray: 3.52 oz (100 g)

Total Weight: 2.05 lbs (933 g)

Measurements:
ELT Transmitter with Mounting Hardware Installed:

6.59" (167 mm) L x 2.86" (73 mm) H x 3.69" (94 mm) W

Part Numbers:
ME-406: 453-6603 (Transmitter Only)

ME406HM: 453-6604 (Transmitter Only)

The Artex **ME-406** is a single output ELT. Two emergency frequencies (121.5 and 406.028 MHz) utilize the same RF output, which requires only one coax cable to connect to the new series of Artex single input antennas. The ELT automatically activates during a crash and transmits the standard swept tone on 121.5 MHz. Every 50 seconds for 440 milliseconds the 406 MHz transmitter turns on and transmits an encoded digital message to the Cospas/Sarsat satellite system. The mounting hardware for the ME-406 Series is compatible with all previous models of Artex 406 MHz, as well as the ELT200 Series, ACK, Pointer Model 3000 ELT and Narco ELT's. Current owners of Artex 2-frequency ELT can re-use the remote switch in the cockpit as well as the wiring harness from the cockpit to the ELT thus greatly reducing installation costs.